

CONSTRUCTION DETAILS

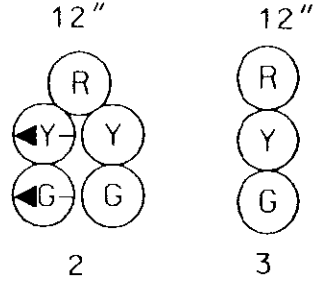
- C. Install handhole.
D. Install 1 in. liquid tight flexible non-metallic conduit for detector wire sleeve.
E. Install 2 in. PVC schedule 40 electrical conduit - trenched.
K. Abandon existing handhole.
L. Abandon existing conduit.
M. Abandon existing loop detector.
P. Install 6 ft. x 30 ft. quadrupole loop detector (2-4-2 turns).
AA. Install 24 in. white permanent preformed pavement marking.
FF. Use existing conduit
GG. Install micro loop probe set
HH. Use existing handhole
JJ. Install 3 in. PVC schedule 80 electrical conduit - slotted prior to final roadway surface

- KK. Remove existing signal heads & associated wiring from span wire and conduit.
LL. Install 3 in. PVC schedule 80 electrical conduit - pushed.
MM. Install 1 in. galvanized steel conduit for detector wire sleeve.
NN. Install 6 in. white permanent preformed pavement marking tape.
OO. Remove/grind existing pavement marking
PP. Install 27 ft. steel pole with a single 50 ft. mast arm, 20 ft. lighting arm with a 250 watt HPS lamp & luminaire, signal heads & signs as shown (Note: one 2 in. PVC schedule 40 conduit bend and four 1 3/4 in. x 90 in. anchor bolts).
QQ. Install 27 ft. steel Pole with twin 70 ft and 50 ft mast arms, signal heads & signs as shown (Note: one 2 in. PVC schedule 40 conduit bend, four - 2 in. x 90 in. anchor bolts; also, 50 ft mast arm, and signal heads shall be installed at a later stage of construction, 70 ft mast arm shall be cut to 64 ft).
WW. Install 12 in. white permanent preformed pavement marking tape.

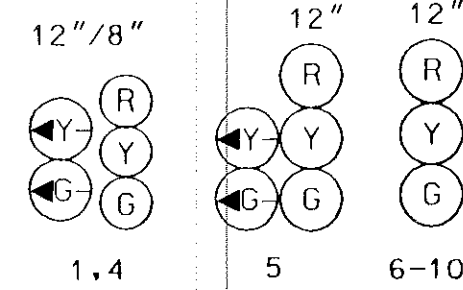
FUTURE CONSTRUCTION

MD 202 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION

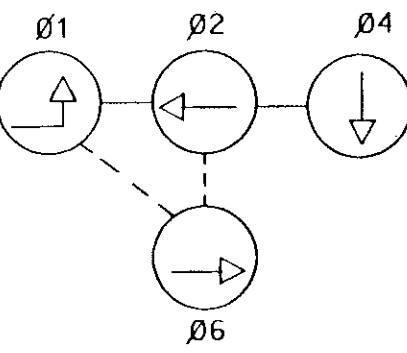
EXISTING SIGNALS



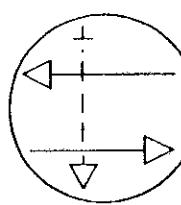
PROPOSED SIGNALS



NEMA PHASING



FLASHING OPERATION



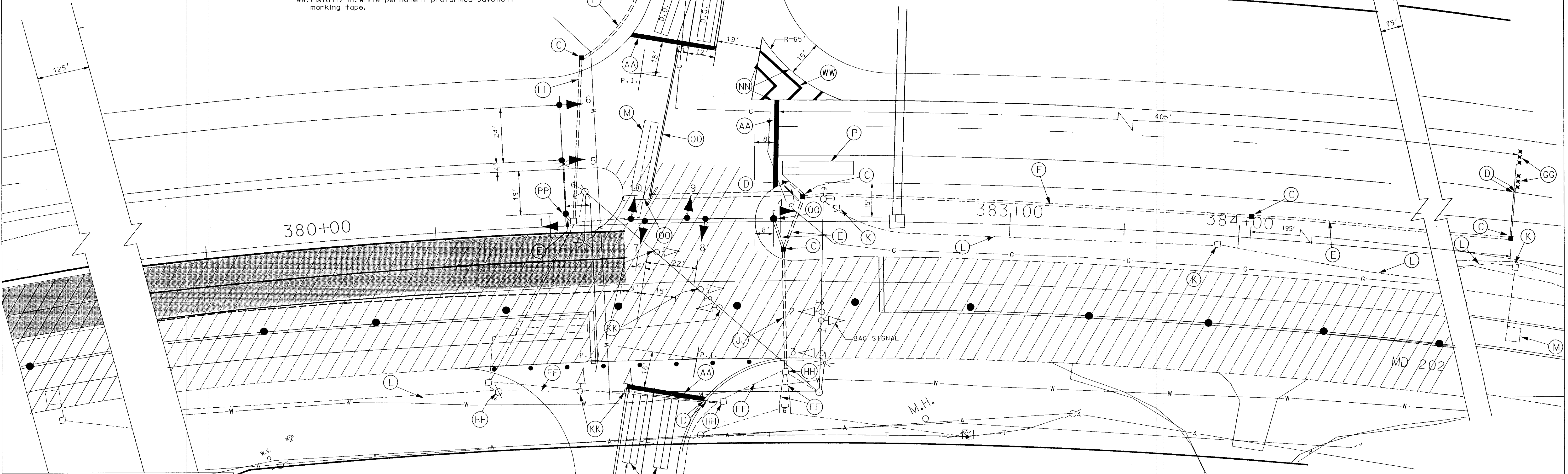
PHASING NOTES:
1. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.

EXISTING SIGNS

R10-12 (42"X36")

LEFT TURN
YIELD
ON GREEN

Watkins Park Dr



MOT LEGEND

- DOUBLE FACED CONCRETE BARRIER
CHANNELIZATION DEVICE
TYPE III BARRICADE
ATTENUATOR
TEMPORARY TRAFFIC CONTROL SIGN
PROPOSED ROAD WORK
PAVEMENT REMOVAL
OVERLAY

UTILITY LEGEND

- G — G — GAS MAIN
W — W — WATER MAIN
S — S — SEWER MAIN
E — E — ELECTRIC CABLES
A — A — AERIAL CABLES
T — T — TELEPHONE CABLES

GENERAL NOTES

- PAVEMENT MARKINGS DETAILED ARE PROPOSED AND ARE TO BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH SHA STANDARDS.
- "D.O." INDICATES DELAY OUTPUT LOOP DETECTOR.
- THE LOOP DETECTORS AND CONDUITS MUST BE INSTALLED PRIOR TO THE INSTALLATION OF THE PAVEMENT MARKINGS.
- CONTRACTOR MUST VERIFY THE LOCATION OF ALL PROPOSED GEOMETRICS PRIOR TO INSTALLING SIGNAL EQUIPMENT.
- ALL PROPOSED TRAFFIC SIGNAL EQUIPMENT SHALL BE INSTALL TO FINAL GRADE.
- CONTRACTOR SHALL REMOVE THE ABANDONED ELECTRICAL CABLES FROM SPAN WIRE AND CONDUITS.
- REFER TO MAINTENANCE OF TRAFFIC PLANS FOR TRAFFIC CHANNELIZING DEVICES.

REVISIONS

NO.	DESCRIPTION	DATE
1	RECONSTRUCT SIGNAL WITH GEOMETRIC IMPROVEMENTS P-137-281-371	12/95

APPROVALS

CHIEF, SIGNAL DESIGN SECTION
ASST. DISTRICT ENGINEER, TRAFFIC
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, OFFICE OF TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

ORIGINAL DRAWN BY R. CICHINI
DES. BY D. PETERS
CHK. BY

DATE: 12/95
SCALE: 1"=20'

F.A.P. NO.
S.H.A. NO.

MD 202 AT MD 193

LOG MILE # 16019319.52

COUNTY: PRINCE GEORGE'S

2559-X3

SHEET NO.
OF

JD&L
CONSULTING ENGINEERS
COLUMBIA, MARYLAND